

ABSTRACT OF THE INVENTION

A single chip radio transceiver includes circuitry that enables detection of radar signals to enable the radio transceiver to halt communications in overlapping communication bands to avoid interference with the radar transmitting the radar pulses. A method in a radio transceiver includes grouping a plurality of pulse data entries, generating a first list of pulse repetition intervals having pulses with a pulse width within a specified range, counting a number of most and second most common pulse interval values and determining whether a radar signal is present. Generally, the method includes determining a radar is present in one of three different ways, namely, determining whether the number of the most common pulse interval values exceeds a specified value, determining a radar signal is present with an extra pulse and finally, determining a radar is present with a missing pulse.